

CLAIMS:

1. An engine operated generator comprising a fuel receptacle storing a fuel gas in liquefied state, an engine that receives the fuel gas from the fuel receptacle, a fuel pressure regulator for regulating pressure of the fuel gas supplied from the fuel receptacle to the engine, a generator driven by the engine, and a power control unit for controlling power generated by the generator,

wherein at least one of the fuel receptacle and the fuel pressure regulator is arranged adjacent to the power control unit, for heat exchange with the power control unit.

2. The engine operated generator as claimed in claim 1, comprising a fuel storage chamber for storing the fuel receptacle, the fuel storage chamber having a side wall and heat transfer means made of a heat conducting material, the fuel receptacle and the side wall being thermally connected via the heat transfer means, said side wall being disposed adjacent to the power control unit to enable heat exchange with the power control unit.

3. The engine operated generator as claimed in claim 2, wherein said heat transfer means comprises a plurality of columnar members provided between the fuel receptacle and the side wall of the fuel storage chamber to be in contact with the fuel receptacle and the side wall.

4. The engine operated generator as claimed in claim 1, wherein at least one of the fuel receptacle and the fuel pressure regulator is in direct thermal connection with the power control unit via heat transfer means made of a material of high heat conductivity.

5. The engine operated generator as claimed in one of claims 1 to 4, wherein the power control unit has an inverter.

6. The engine operated generator as claimed in one of claims 1 to 4, comprising a case forming an internal space for accommodating the fuel receptacle, the engine and the generator; and a cooling air passage for conducting cooling air from said internal space through the fuel receptacle, the power control unit in this order, to the generator and the engine to cool the same.

7. The engine operated generator as claimed in claim 6, wherein the fuel pressure regulator and the power control unit are disposed on a side opposite the fuel storage chamber with respect to said side wall, and the power control unit is disposed below the fuel pressure regulator.

8. The engine operated generator as claimed in claim 7, wherein said case has a side wall having an upper edge along which a cooling air inlet passage is provided, and the fuel pressure regulator is provided immediately downstream of the cooling air inlet passage.